

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Mark HIRST

Confirmation No.:

Application No.:

Examiner:

Filing Date: 10/20/03

Group Art Unit:

Title: CIRCUIT FOR CONTROLLING A FUSING SYSTEM

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97 (c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

- ☐ I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: _____

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- ☐ I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number _____ on _____
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Signature: _____

Respectfully submitted,

Mark HIRST

By

William T. Ellis

Attorney/Agent for Applicant(s)

Reg. No. 26,874

Date: 10/20/03

Since the U.S. Patent and Trademark Office has waived the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003, copies of cited U.S. patents and patent application publications are not being submitted herewith. Copies of foreign patent documents and non-patent literature are being submitted in accordance with 37 CFR 1.98(a)(2).

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10014358-1

APPLICATION NO.

CONFIRMATION NO.

APPLICANT

Mark HIRST

FILING DATE

10/20/03

GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	4,663,569	5/5/1987	Alley et al.	
	1B	4,928,055	5/22/1990	Kaieda et al.	
	1C	5,204,723	4/20/1993	Hanada et al.	
	1D	5,483,149	1/9/1996	Barrett	
	1E	5,789,723	8/4/1998	Hirst	
	1F	5,811,764	9/22/1998	Hirst	
	1G	5,925,278	7/20/1999	Hirst	
	1H	6,018,151	1/25/2000	Hirst	
	1I	6,246,034	6/12/2001	Glaser et al.	
	1J	6,542,705	4/1/2003	Fujita et al.	
	1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	K.A. Nigim et al., "Power quality improvement using integral-PWM control in an AC/AC voltage converter", Electric Power Systems Research 63 (2002) pgs. 65-71
	1R	R. Ramshaw, Part 4 of Extra Material for use with, "PSpice® Simulation of Power Electronics Circuits", ECE Dept. University of Waterloo, published by Chapman & Hall, 1997, 11 pgs.
	1S	

EXAMINER

DATE CONSIDERED